

Connecting via Winsock to STN

Welcome to STN International! Enter x:

Welcome to STN International! Enter x:

Welcome to STN International! Enter x:

Sorry. Your logon could not be completed because
no recognized response was received from the gateway system.
Please check the gateway "Prompt Characters strings".

Welcome to STN International! Enter x:X

LOGINID:SSPTASXB1612

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * Welcome to STN International * * * * * * * * *

NEWS 1 Web Page for STN Seminar Schedule - N. America
NEWS 2 APR 02 CAS Registry Number Crossover Limits Increased to
 500,000 in Key STN Databases
NEWS 3 APR 02 PATDPAFULL: Application and priority number formats
 enhanced
NEWS 4 APR 02 DWPI: New display format ALLSTR available
NEWS 5 APR 02 New Thesaurus Added to Derwent Databases for Smooth
 Sailing through U.S. Patent Codes
NEWS 6 APR 02 EMBASE Adds Unique Records from MEDLINE, Expanding
 Coverage back to 1948
NEWS 7 APR 07 CA/CAplus CLASS Display Streamlined with Removal of
 Pre-IPC 8 Data Fields
NEWS 8 APR 07 50,000 World Traditional Medicine (WTM) Patents Now
 Available in CAplus
NEWS 9 APR 07 MEDLINE Coverage Is Extended Back to 1947
NEWS 10 JUN 16 WPI First View (File WPIFV) will no longer be
 available after July 30, 2010
NEWS 11 JUN 18 DWPI: New coverage - French Granted Patents
NEWS 12 JUN 18 CAS and FIZ Karlsruhe announce plans for a new
 STN platform
NEWS 13 JUN 18 IPC codes have been added to the INSPEC backfile
 (1969-2009)
NEWS 14 JUN 21 Removal of Pre-IPC 8 data fields streamline displays
 in CA/CAplus, CASREACT, and MARPAT
NEWS 15 JUN 21 Access an additional 1.8 million records exclusively
 enhanced with 1.9 million CAS Registry Numbers --
 EMBASE Classic on STN
NEWS 16 JUN 28 Introducing "CAS Chemistry Research Report": 40 Years
 of Biofuel Research Reveal China Now Atop U.S. in
 Patenting and Commercialization of Bioethanol
NEWS 17 JUN 29 Enhanced Batch Search Options in DGENE, USGENE,
 and PCTGEN
NEWS 18 JUL 19 Enhancement of citation information in INPADOC
 databases provides new, more efficient competitor
 analyses

NEWS 19 JUL 26 CAS coverage of global patent authorities has expanded to 61 with the addition of Costa Rica

NEWS EXPRESS FEBRUARY 15 10 CURRENT WINDOWS VERSION IS V8.4.2,
AND CURRENT DISCOVER FILE IS DATED 07 JULY 2010.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN customer agreement. This agreement limits use to scientific research. Use for software development or design, implementation of commercial gateways, or use of CAS and STN data in the building of commercial products is prohibited and may result in loss of user privileges and other penalties.

FILE 'HOME' ENTERED AT 10:45:23 ON 26 AUG 2010

FILE 'REGISTRY' ENTERED AT 10:49:31 ON 26 AUG 2010
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2010 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 25 AUG 2010 HIGHEST RN 1238773-24-4
DICTIONARY FILE UPDATES: 25 AUG 2010 HIGHEST RN 1238773-24-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

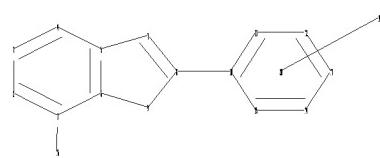
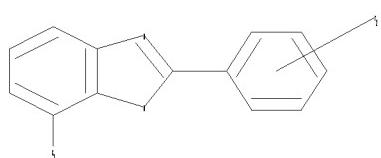
TSCA INFORMATION NOW CURRENT THROUGH June 26, 2010.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stnqgen/stndoc/properties.html>

=>
Uploading C:\Program Files\STNEXP\Queries\10585480.D.str



```
chain nodes :
16 19
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
chain bonds :
1-16 8-10
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 10-11 10-15 11-12 12-13 13-14
14-15
exact/norm bonds :
1-16 5-7 6-9 7-8 8-9
exact bonds :
```

8-10

normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 10-11 10-15 11-12 12-13 13-14 14-15

G1:MeO,Br

G2:H,CH3,X

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:CLASS 19:CLASS 20:Atom

L1 STRUCTURE UPLOADED

=> s l1 sss full
FULL SEARCH INITIATED 10:50:15 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 3229 TO ITERATE

100.0% PROCESSED 3229 ITERATIONS 395 ANSWERS
SEARCH TIME: 00.00.01

L2 395 SEA SSS FUL L1

=> file caplus
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 191.54 193.08

FILE 'CAPLUS' ENTERED AT 10:50:23 ON 26 AUG 2010
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2010 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 26 Aug 2010 VOL 153 ISS 9
FILE LAST UPDATED: 25 Aug 2010 (20100825/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Jun 2010
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Jun 2010

CAplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2010.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 12
L3 70 L2

=> s 12 and PY<2005
70 L2
25158948 PY<2005
L4 36 L2 AND PY<2005

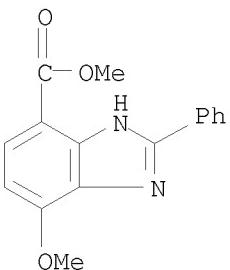
=> d 1-36 ibib fhitstr

L4 ANSWER 1 OF 36 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2004:633915 CAPLUS
DOCUMENT NUMBER: 141:174171
TITLE: A preparation of novel hydroxybenzimidazole derivatives, useful as glycogen synthase kinase 3 β (GSK-3 β) inhibitor
INVENTOR(S): Cho, Joong Myung; Ro, Seonggu; Lee, Tae Gyu; Lee, Kyung Joo; Shin, Dongkyu; Hyun, Young-lan; Lee, Seung Chul; Kim, Jin Hwan; Jeon, Young Ho
PATENT ASSIGNEE(S): Crystalgenomics, Inc., S. Korea; Yuyu Inc.
SOURCE: PCT Int. Appl., 103 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|--------------|
| WO 2004065370 | A1 | 20040805 | WO 2004-KR97 | 20040120 <-- |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ | | | | |
| EP 1590333 | A1 | 20051102 | EP 2004-703520 | 20040120 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK | | | | |
| JP 2006515013 | T | 20060518 | JP 2005-518551 | 20040120 |
| KR 2005109930 | A | 20051122 | KR 2005-713355 | 20050720 |
| KR 791252 | B1 | 20080103 | | |
| US 20060079521 | A1 | 20060413 | US 2005-543177 | 20050722 |
| US 7179832 | B2 | 20070220 | | |
| PRIORITY APPLN. INFO.: | | | KR 2003-4607 | A 20030123 |
| | | | KR 2003-4608 | A 20030123 |
| | | | KR 2003-42442 | A 20030627 |
| | | | WO 2004-KR97 | W 20040120 |

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 141:174171
IT 201287-28-7P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(intermediate; preparation of novel hydroxybenzimidazole derivs., useful as glycogen synthase kinase 3 β inhibitors)
RN 201287-28-7 CAPLUS
CN 1H-Benzimidazole-4-carboxylic acid, 7-methoxy-2-phenyl-, methyl ester (CA INDEX NAME)



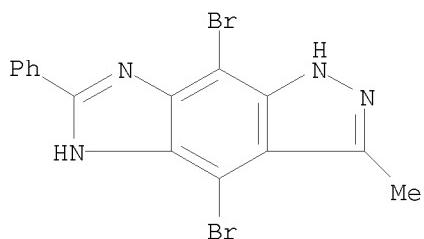
OS.CITING REF COUNT: 11 THERE ARE 11 CAPLUS RECORDS THAT CITE THIS RECORD (13 CITINGS)
 REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 36 CAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 2004:588231 CAPLUS
 DOCUMENT NUMBER: 141:140440
 TITLE: Preparation of indazoles and their use as anti-inflammatory, antirheumatic, and antiarthritic agents
 INVENTOR(S): Konno, Yasuo; Ono, Tomoyasu; Kitagawa, Kazuhiro; Inoue, Shinichi; Tanaka, Katsuhisa; Yamada, Shozo; Asao, Tetsuji
 PATENT ASSIGNEE(S): Taiho Pharmaceutical Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 54 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

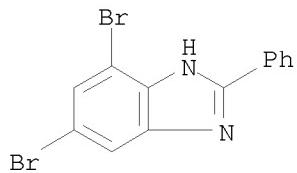
| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|--------------|
| ----- | --- | ----- | ----- | ----- |
| JP 2004203804 | A | 20040722 | JP 2002-376012 | 20021226 <-- |
| PRIORITY APPLN. INFO.: | | | JP 2002-376012 | 20021226 |

OTHER SOURCE(S): MARPAT 141:140440

IT 724766-73-8P
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation of pyrazolobenzimidazoles as anti-inflammatory, antirheumatic, and antiarthritic agents)
 RN 724766-73-8 CAPLUS
 CN Imidazo[4,5-f]indazole, 4,8-dibromo-1,7-dihydro-3-methyl-6-phenyl- (CA INDEX NAME)



L4 ANSWER 3 OF 36 CAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 2003:924553 CAPLUS
 DOCUMENT NUMBER: 140:93980
 TITLE: Mild synthesis of polyfunctional benzimidazoles and
 indoles by the reduction of functionalized nitroarenes
 with phenylmagnesium chloride
 AUTHOR(S): Dohle, Wolfgang; Staubitz, Anne; Knochel, Paul
 CORPORATE SOURCE: Department Chemie, Ludwig-Maximilians-Universitaet,
 Munich, 81377, Germany
 SOURCE: Chemistry--A European Journal (2003), 9(21),
 5323-5331
 CODEN: CEUJED; ISSN: 0947-6539
 PUBLISHER: Wiley-VCH Verlag GmbH & Co. KGaA
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 140:93980
 IT 1806-09-3P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (mild synthesis of polyfunctional benzimidazoles and indoles by reduction
 of functionalized nitroarenes with phenylmagnesium chloride)
 RN 1806-09-3 CAPLUS
 CN 1H-Benzimidazole, 5,7-dibromo-2-phenyl- (CA INDEX NAME)



OS.CITING REF COUNT: 11 THERE ARE 11 CAPLUS RECORDS THAT CITE THIS
 RECORD (11 CITINGS)
 REFERENCE COUNT: 47 THERE ARE 47 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 36 CAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 2003:796412 CAPLUS
 DOCUMENT NUMBER: 139:307758
 TITLE: Use of benzimidazole analogs in the treatment of cell
 proliferation
 INVENTOR(S): Sircar, Jagadish C.; Richards, Mark L.
 PATENT ASSIGNEE(S): Avanir Pharmaceuticals, USA
 SOURCE: PCT Int. Appl., 280 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|---|----------|-----------------|--------------|
| WO 2003082186 | A2 | 20031009 | WO 2003-US6981 | 20030306 <-- |
| WO 2003082186 | A3 | 20040325 | | |
| W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | |
| RW: | GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, | | | |

KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,
 FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
 CA 2479453 A1 20031009 CA 2003-2479453 20030306 <--
 AU 2003213768 A1 20031013 AU 2003-213768 20030306 <--
 EP 1494668 A2 20050112 EP 2003-711459 20030306
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
 JP 2005525389 T 20050825 JP 2003-579729 20030306
 US 20050197375 A1 20050908 US 2004-508968 20040924
 US 2002-367686P P 20020325
 WO 2003-US6981 W 20030306
PRIORITY APPLN. INFO.:

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 139:307758

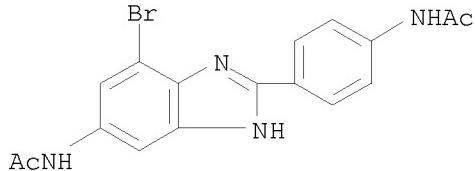
IT 326020-16-0

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL
(Biological study); USES (Uses)

(use of benzimidazole analogs in the treatment of cell proliferation)

RN 326020-16-0 CAPLUS

CN Acetamide, N-[4-[6-(acetylamino)-4-bromo-1H-benzimidazol-2-yl]phenyl]-
(9CI) (CA INDEX NAME)



OS.CITING REF COUNT: 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD
(7 CITINGS)
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 5 OF 36 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2002:272007 CAPLUS
DOCUMENT NUMBER: 136:294830
TITLE: Substituted benzimidazoles as non-nucleoside
inhibitors of reverse transcriptase
INVENTOR(S): Michejda, Christopher J.; Morningstar, Marshall; Roth,
Thomas
PATENT ASSIGNEE(S): The United States of America as Represented by the
Department of Health and Human Services, USA
SOURCE: U.S., 60 pp., Cont.-in-part of Appl. No.
PCT/US98/03588.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|--------------|
| US 6369235 | B1 | 20020409 | US 2000-380171 | 20000201 <-- |
| WO 9837072 | A1 | 19980827 | WO 1998-US3588 | 19980224 <-- |
| W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW | | | | |

RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI,
 FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM,
 GA, GN, ML, MR, NE, SN, TD, TG
 US 20030191160 A1 20031009 US 2002-119634 20020409 <--
 US 6894068 B2 20050517
 PRIORITY APPLN. INFO.: US 1997-38509P P 19970225
 WO 1998-US3588 A2 19980224
 US 2000-380171 A1 20000201

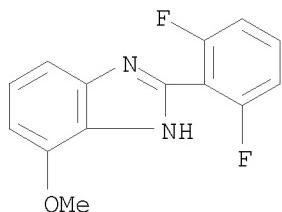
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 136:294830

IT 212503-91-8P, 2-(2,6-Difluorophenyl)-4-methoxybenzimidazole
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (intermediate; preparation of substituted benzimidazoles as non-nucleoside
 inhibitors of reverse transcriptase)

RN 212503-91-8 CAPLUS

CN 1H-Benzimidazole, 2-(2,6-difluorophenyl)-7-methoxy- (CA INDEX NAME)



OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD
 (2 CITINGS)
 REFERENCE COUNT: 68 THERE ARE 68 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 6 OF 36 CAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 2001:526062 CAPLUS
 DOCUMENT NUMBER: 135:107328
 TITLE: Preparation of 1,2-diarylbenzimidazolealkanoates and
 analogs for treatment of disorders mediated by
 microglia activation
 INVENTOR(S): Kuhnke, Joachim; Halfbrodt, Wolfgang; Moenning, Ursula
 PATENT ASSIGNEE(S): Schering Aktiengesellschaft, Germany
 SOURCE: PCT Int. Appl., 141 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|--------------|
| WO 2001051473 | A1 | 20010719 | WO 2001-EP334 | 20010112 <-- |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW | | | | |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
| CA 2396227 | A1 | 20010719 | CA 2001-2396227 | 20010112 <-- |
| BR 2001007628 | A | 20021008 | BR 2001-7628 | 20010112 <-- |

| | | | | |
|----------------------------|---------------------------------|--|------------------|--------------|
| EP 1246808 | A1 | 20021009 | EP 2001-915133 | 20010112 <-- |
| R: AT, BE, CH, IE, SI, LT, | DE, DK, ES, FR, LV, FI, RO, MK, | GB, GR, IT, LI, LU, NL, SE, MC, PT, CY, AL, TR | | |
| HU 2002004011 | A2 | 20030528 | HU 2002-4011 | 20010112 <-- |
| HU 2002004011 | A3 | 20030728 | | |
| JP 2003523961 | T | 20030812 | JP 2001-551855 | 20010112 <-- |
| EE 2002000390 | A | 20031015 | EE 2002-390 | 20010112 <-- |
| NZ 519326 | A | 20050225 | NZ 2001-519326 | 20010112 |
| AU 782993 | B2 | 20050915 | AU 2001-42332 | 20010112 |
| CN 1301975 | C | 20070228 | CN 2001-803766 | 20010112 |
| TW 287005 | B | 20070921 | TW 2001-90100751 | 20010112 |
| US 20020006948 | A1 | 20020117 | US 2001-759360 | 20010116 <-- |
| US 7115645 | B2 | 20061003 | | |
| IN 2002MN00672 | A | 20050304 | IN 2002-MN672 | 20020524 |
| IN 234872 | A1 | 20090710 | | |
| MX 2002005742 | A | 20020918 | MX 2002-5742 | 20020610 <-- |
| BG 106821 | A | 20030131 | BG 2002-106821 | 20020613 <-- |
| NO 2002003362 | A | 20020913 | NO 2002-3362 | 20020712 <-- |
| NO 326408 | B1 | 20081201 | | |
| ZA 2002006470 | A | 20040219 | ZA 2002-6470 | 20020813 <-- |
| HR 2002000664 | A2 | 20050430 | HR 2002-664 | 20020813 |
| US 20060094770 | A1 | 20060504 | US 2005-299135 | 20051208 |
| US 7329679 | B2 | 20080212 | | |
| US 20060205803 | A1 | 20060914 | US 2005-305521 | 20051216 |
| US 7345075 | B2 | 20080318 | | |
| PRIORITY APPLN. INFO.: | | | DE 2000-10002898 | A 20000114 |
| | | | US 2000-178324P | P 20000127 |
| | | | WO 2001-EP334 | W 20010112 |
| | | | US 2001-759360 | A3 20010116 |

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

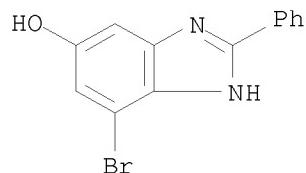
OTHER SOURCE(S): MARPAT 135:107328

IT 350235-86-8P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of 1,2-diarylbenzimidazolealkanoates and analogs for treatment of disorders mediated by microglia activation)

RN 350235-86-8 CAPLUS

CN 1H-Benzimidazol-5-ol, 7-bromo-2-phenyl- (CA INDEX NAME)



| | | |
|----------------------|----|--|
| OS.CITING REF COUNT: | 10 | THERE ARE 10 CAPLUS RECORDS THAT CITE THIS RECORD (12 CITINGS) |
| REFERENCE COUNT: | 8 | THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT |

L4 ANSWER 7 OF 36 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2001:254870 CAPLUS

DOCUMENT NUMBER: 134:287964

TITLE: Organic compound for organic electroluminescence member

INVENTOR(S): Hosokawa, Chishio; Ikeda, Shuji

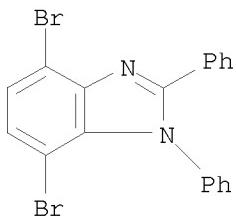
PATENT ASSIGNEE(S): Idemitsu Kosan Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 28 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|--------|----------|----------------------------------|--------------------------|
| JP 2001097949 | A | 20010410 | JP 1999-277956 JP 1999-277956 | 19990930 <-- 19990930 |
| PRIORITY APPLN. INFO.: MARPAT 134:287964 | | | | |
| OTHER SOURCE(S): IT 333432-31-8 RL: RCT (Reactant); RACT (Reactant or reagent) (organic compound for organic electroluminescence member) | | | | |
| RN 333432-31-8 | CAPLUS | | | |
| CN 1H-Benzimidazole, 4,7-dibromo-1,2-diphenyl- | | | (CA INDEX NAME) | |

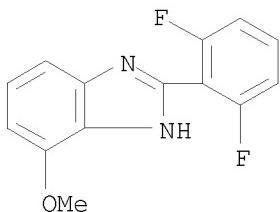


OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD
(2 CITINGS)

L4 ANSWER 8 OF 36 CAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 2001:152653 CAPLUS
 DOCUMENT NUMBER: 134:193435
 TITLE: Preparation of substituted
2-(2,6-difluorophenyl)benzimidazoles as non-nucleoside
inhibitors of HIV-1 reverse transcriptase
 INVENTOR(S): Michejda, Christopher J.; Morningstar, Marshall; Roth,
Thomas
 PATENT ASSIGNEE(S): United States Dept. of Health and Human Services, USA
 SOURCE: PCT Int. Appl., 149 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

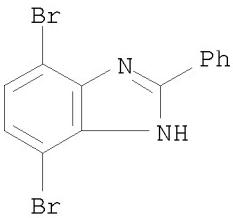
| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|----------|-----------------|--------------|
| WO 2001014343 | A1 | 20010301 | WO 2000-US23449 | 20000825 <-- |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW | | | | |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
| AU 2000070766 | A | 20010319 | AU 2000-70766 | 20000825 <-- |
| EP 1210336 | A1 | 20020605 | EP 2000-959441 | 20000825 <-- |
| EP 1210336 | B1 | 20070425 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, | | | | |

IE, SI, LT, LV, FI, RO, MK, CY, AL
 AT 360621 T 20070515 AT 2000-959441 20000825
 PRIORITY APPLN. INFO.: US 1999-380171 A 19990826
 WO 2000-US23449 W 20000825
 OTHER SOURCE(S): MARPAT 134:193435
 IT 212503-91-8P, 2-(2,6-Difluorophenyl)-4-methoxybenzimidazole
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (intermediate; preparation of substituted
 2-(2,6-difluorophenyl)benzimidazoles as non-nucleoside inhibitors of
 HIV-1 reverse transcriptase)
 RN 212503-91-8 CAPLUS
 CN 1H-Benzimidazole, 2-(2,6-difluorophenyl)-7-methoxy- (CA INDEX NAME)



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD
 (1 CITINGS)
 REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 9 OF 36 CAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 1998:605320 CAPLUS
 DOCUMENT NUMBER: 129:290499
 ORIGINAL REFERENCE NO.: 129:59213a,59216a
 TITLE: Preparation and properties of π -conjugated
 poly(benzimidazole-4,7-diyl)s
 Yamamoto, Takakazu; Sugiyama, Kiyoshi; Kanbara,
 Takaki; Hayashi, Hideki; Etori, Hideki
 CORPORATE SOURCE: Research Laboratory Resources Utilization, Tokyo
 Institute Technology, Yokohama, 226, Japan
 SOURCE: Macromolecular Chemistry and Physics (1998),
 199(9), 1807-1813
 CODEN: MCHPES; ISSN: 1022-1352
 PUBLISHER: Huethig & Wepf Verlag
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 214346-03-9P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (monomer; preparation and polymerization of dibromobenzimidazole monomers)
 RN 214346-03-9 CAPLUS
 CN 1H-Benzimidazole, 4,7-dibromo-2-phenyl- (CA INDEX NAME)



OS.CITING REF COUNT: 29 THERE ARE 29 CAPLUS RECORDS THAT CITE THIS RECORD (29 CITINGS)

L4 ANSWER 10 OF 36 CAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 1998:604910 CAPLUS
 DOCUMENT NUMBER: 129:216616
 ORIGINAL REFERENCE NO.: 129:44039a, 44042a
 TITLE: Substituted benzimidazoles as non-nucleoside inhibitors of reverse transcriptase
 INVENTOR(S): Michejda, Christopher J.; Morningstar, Marshall; Roth, Thomas
 PATENT ASSIGNEE(S): United States Dept. of Health and Human Services, USA
 SOURCE: PCT Int. Appl., 116 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------------|-----------------|--------------|
| WO 9837072 | A1 | 19980827 | WO 1998-US3588 | 19980224 <-- |
| W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW | | | | |
| RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG | | | | |
| CA 2281927 | A1 | 19980827 | CA 1998-2281927 | 19980224 <-- |
| CA 2281927 | C | 20040127 | | |
| AU 9863371 | A | 19980909 | AU 1998-63371 | 19980224 <-- |
| AU 741772 | B2 | 20011206 | | |
| EP 963371 | A1 | 19991215 | EP 1998-907608 | 19980224 <-- |
| EP 963371 | B1 | 20030502 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO | | | | |
| JP 2001513084 | T | 20010828 | JP 1998-536983 | 19980224 <-- |
| AT 238998 | T | 20030515 | AT 1998-907608 | 19980224 <-- |
| US 6369235 | B1 | 20020409 | US 2000-380171 | 20000201 <-- |
| US 20030191160 | A1 | 20031009 | US 2002-119634 | 20020409 <-- |
| US 6894068 | B2 | 20050517 | | |
| PRIORITY APPLN. INFO.: | | | | |
| | | US 1997-38509P | P | 19970225 |
| | | WO 1998-US3588 | W | 19980224 |
| | | US 2000-380171 | A1 | 20000201 |

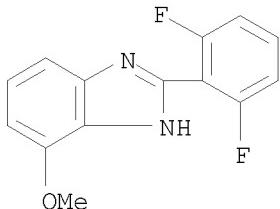
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 129:216616

IT 212503-91-8P, 2-(2,6-Difluorophenyl)-4-methoxybenzimidazole

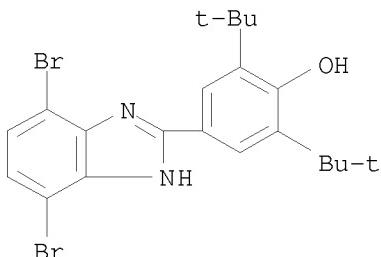
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(intermediate; preparation of substituted benzimidazoles as non-nucleoside
inhibitors of reverse transcriptase)
RN 212503-91-8 CAPLUS
CN 1H-Benzimidazole, 2-(2,6-difluorophenyl)-7-methoxy- (CA INDEX NAME)



OS.CITING REF COUNT: 8 THERE ARE 8 CAPLUS RECORDS THAT CITE THIS RECORD
(8 CITINGS)
REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 11 OF 36 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1998:536365 CAPLUS
DOCUMENT NUMBER: 129:245599
ORIGINAL REFERENCE NO.: 129:50021a,50024a
TITLE: New π -Conjugated Polymers Derived from a Benzimidazole Unit. Preparation, Solvatochromism, and Oxidation of Poly(aryleneethynylene)s Composed of 2-(3,5-Di-tert-butyl-4-hydroxyphenyl)benzimidazole Bearing a Hindered Phenolic Substituent
AUTHOR(S): Hayashi, Hideki; Yamamoto, Takakazu
CORPORATE SOURCE: Research Laboratory of Resources Utilization, Tokyo Institute of Technology, Yokohama, 226-8503, Japan
SOURCE: Macromolecules (1998), 31(18), 6063-6070
CODEN: MAMOBX; ISSN: 0024-9297
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 212830-09-6P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(monomer; preparation, solvatochromism, and oxidation of conjugated poly(aryleneethynylene)s containing 2-(3,5-di-tert-butyl-4-hydroxyphenyl)benzimidazole units)
RN 212830-09-6 CAPLUS
CN Phenol, 4-(4,7-dibromo-1H-benzimidazol-2-yl)-2,6-bis(1,1-dimethylethyl)- (CA INDEX NAME)



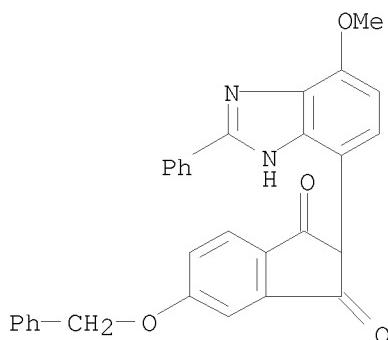
OS.CITING REF COUNT: 32 THERE ARE 32 CAPLUS RECORDS THAT CITE THIS
RECORD (32 CITINGS)

REFERENCE COUNT: 74 THERE ARE 74 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 12 OF 36 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1998:112229 CAPLUS
DOCUMENT NUMBER: 128:192667
ORIGINAL REFERENCE NO.: 128:38067a,38070a
TITLE: Preparation of substituted aromatic compounds as inhibitors of tumor necrosis factor and cyclic AMP phosphodiesterase
INVENTOR(S): He, Wei; Hulme, Christopher; Huang, Fu-chih; Djuric, Stevan W.; Moriarty, Kevin; Labaudiniere, Richard
PATENT ASSIGNEE(S): Rhone-Poulenc Rorer Pharmaceuticals Inc., USA; He, Wei; Hulme, Christopher; Huang, Fu-Chih; Djuric, Stevan W.; Moriarty, Kevin; Labaudiniere, Richard
SOURCE: PCT Int. Appl., 154 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|--------------|
| WO 9805327 | A1 | 19980212 | WO 1997-US13343 | 19970722 <-- |
| W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN | | | | |
| RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG | | | | |
| AU 9738990 | A | 19980225 | AU 1997-38990 | 19970722 <-- |
| PRIORITY APPLN. INFO.: | | | US 1996-23165P | P 19960805 |
| | | | WO 1997-US13343 | W 19970722 |

OTHER SOURCE(S): MARPAT 128:192667
IT 1099492-77-9
RL: PRPH (Prophetic)
(Preparation of substituted aromatic compounds as inhibitors of tumor necrosis factor and cyclic AMP phosphodiesterase)
RN 1099492-77-9 CAPLUS
CN 1H-Indene-1,3(2H)-dione, 2-(7-methoxy-2-phenyl-1H-benzimidazol-4-yl)-5-(phenylmethoxy)- (CA INDEX NAME)



OS.CITING REF COUNT: 6 THERE ARE 6 CAPLUS RECORDS THAT CITE THIS RECORD (7 CITINGS)
REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS

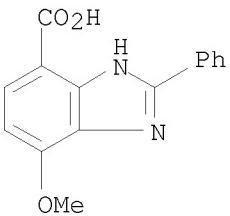
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 13 OF 36 CAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 1998:31305 CAPLUS
 DOCUMENT NUMBER: 128:102087
 ORIGINAL REFERENCE NO.: 128:20001a,20004a
 TITLE: Substituted azabicyclic compounds and their use as inhibitors of the production of TNF and cyclic AMP phosphodiesterase
 INVENTOR(S): Cox, Paul Joseph; Bower, Shelley; Aldous, David John; Astles, Peter Charles; McGarry, Daniel Gerard; Hulme, Christopher; et al.
 PATENT ASSIGNEE(S): Regan, John Robinson, UK; Huang, Fu-Chih; Rhone-Poulenc Rorer Ltd.; Cox, Paul Joseph; Bower, Shelley; et al.
 SOURCE: PCT Int. Appl., 355 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|--------------|
| WO 9748697 | A1 | 19971224 | WO 1997-GB1639 | 19970619 <-- |
| W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW | | | | |
| RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG | | | | |
| CA 2258728 | A1 | 19971224 | CA 1997-2258728 | 19970619 <-- |
| AU 9731026 | A | 19980107 | AU 1997-31026 | 19970619 <-- |
| ZA 9705446 | A | 19981221 | ZA 1997-5446 | 19970619 <-- |
| EP 934307 | A1 | 19990811 | EP 1997-926148 | 19970619 <-- |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI | | | | |
| JP 20000509719 | T | 20000802 | JP 1998-502503 | 19970619 <-- |
| JP 4373497 | B2 | 20091125 | | |
| US 6303600 | B1 | 20011016 | US 1998-216392 | 19981218 <-- |
| US 6800645 | B1 | 20041005 | US 2000-612530 | 20000707 <-- |
| US 20020173527 | A1 | 20021121 | US 2002-109629 | 20020328 <-- |
| US 20050038069 | A1 | 20050217 | US 2004-933077 | 20040901 |
| US 7329675 | B2 | 20080212 | | |
| JP 2009149670 | A | 20090709 | JP 2009-35914 | 20090218 |
| PRIORITY APPLN. INFO.: | | | GB 1996-12760 | A 19960619 |
| | | | US 1996-23047P | P 19960802 |
| | | | JP 1998-502503 | A3 19970619 |
| | | | WO 1997-GB1639 | W 19970619 |
| | | | US 1998-216392 | A1 19981218 |
| | | | US 2000-612530 | A3 20000707 |

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 128:102087
 IT 201287-04-9P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (intermediate; preparation of azabicyclic compds. as inhibitors of TNF production and PDE IV)
 RN 201287-04-9 CAPLUS
 CN 1H-Benzimidazole-4-carboxylic acid, 7-methoxy-2-phenyl- (CA INDEX NAME)



OS.CITING REF COUNT: 30 THERE ARE 30 CAPLUS RECORDS THAT CITE THIS RECORD (66 CITINGS)
 REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

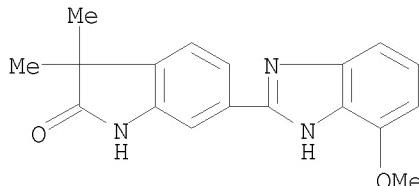
L4 ANSWER 14 OF 36 CAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 1991:492262 CAPLUS
 DOCUMENT NUMBER: 115:92262
 ORIGINAL REFERENCE NO.: 115:15883a,15886a
 TITLE: Preparation of oxoquinolinyl- and oxoindolylbenzimidazoles as thrombocyte and erythrocyte aggregation inhibitors
 INVENTOR(S): Boehm, Erwin; Von der Saal, Wolfgang; Zilch, Harald
 PATENT ASSIGNEE(S): Boehringer Mannheim G.m.b.H., Germany
 SOURCE: Ger. Offen., 12 pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|--------------|
| DE 3932953 | A1 | 19910411 | DE 1989-3932953 | 19891003 <-- |
| CA 2066690 | A1 | 19910404 | CA 1990-2066690 | 19901004 <-- |
| WO 9104974 | A1 | 19910418 | WO 1990-EP1663 | 19901004 <-- |
| W: AU, CA, FI, HU, JP, KR, NO, SU, US RW: AT, BE, CH, DE, DK, ES, FR, GB, IT, LU, NL, SE | | | | |
| AU 9065261 | A | 19910428 | AU 1990-65261 | 19901004 <-- |
| EP 496753 | A1 | 19920805 | EP 1990-914918 | 19901004 <-- |
| R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, LU, NL, SE | | | | |
| JP 05501249 | T | 19930311 | JP 1990-513894 | 19901004 <-- |
| US 5414088 | A | 19950509 | US 1992-847060 | 19920414 <-- |
| PRIORITY APPLN. INFO.: | | | DE 1989-3932953 | A 19891003 |
| | | | WO 1990-EP1663 | A 19901004 |

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): CASREACT 115:92262; MARPAT 115:92262

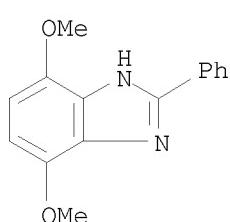
IT 135353-85-4P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of, as thrombocyte- and erythrocyte aggregation inhibitor)
 RN 135353-85-4 CAPLUS
 CN 2H-Indol-2-one, 1,3-dihydro-6-(7-methoxy-1H-benzimidazol-2-yl)-3,3-dimethyl- (CA INDEX NAME)



OS.CITING REF COUNT: 9 THERE ARE 9 CAPLUS RECORDS THAT CITE THIS RECORD
(10 CITINGS)

L4 ANSWER 15 OF 36 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1989:225482 CAPLUS
DOCUMENT NUMBER: 110:225482
ORIGINAL REFERENCE NO.: 110:37235a, 37238a
TITLE: Antiasthmatic and/or antiinflammatory phenylbenzimidazoles and piperazinylbenzothiadiazoles and a method for their preparation
INVENTOR(S): Medwid, Jeffrey B.; Torley, Lawrence W.
PATENT ASSIGNEE(S): American Cyanamid Co., USA
SOURCE: U.S., 6 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

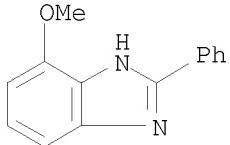
| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|--|----------|-----------------|--------------|
| US 4808586 | A | 19890228 | US 1987-124536 | 19871123 <-- |
| EP 317749 | A2 | 19890531 | EP 1988-116760 | 19881010 <-- |
| EP 317749 | A3 | 19890816 | | |
| R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, NL, SE | | | | |
| JP 01165577 | A | 19890629 | JP 1988-290296 | 19881118 <-- |
| CA 1317958 | C | 19930518 | CA 1988-583593 | 19881121 <-- |
| PRIORITY APPLN. INFO.: | | | US 1987-124536 | A 19871123 |
| ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT | | | | |
| OTHER SOURCE(S): | CASREACT 110:225482; MARPAT 110:225482 | | | |
| IT 7711-52-6P | | | | |
| RL: SPN (Synthetic preparation); PREP (Preparation) (preparation and ether cleavage of) | | | | |
| RN 7711-52-6 CAPLUS | | | | |
| CN 1H-Benzimidazole, 4,7-dimethoxy-2-phenyl- (CA INDEX NAME) | | | | |



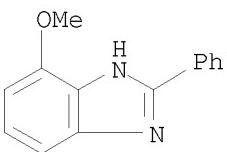
OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD
(2 CITINGS)
REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 16 OF 36 CAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 1988:414791 CAPLUS
 DOCUMENT NUMBER: 109:14791
 ORIGINAL REFERENCE NO.: 109:2447a,2450a
 TITLE: Photopolymerizable composition containing arylbenzimidazole for photoresist laminates with good resolution and adhesion
 INVENTOR(S): Endo, Toshiro; Takenaka, Fumio
 PATENT ASSIGNEE(S): Daicel Chemical Industries, Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 5 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|--------------|
| JP 62180357 | A | 19870807 | JP 1986-23326 | 19860205 <-- |
| PRIORITY APPLN. INFO.: | | | JP 1986-23326 | 19860205 |
| IT 18836-13-0 | | | | |
| RL: TEM (Technical or engineered material use); USES (Uses) (photoresist compns. containing, for improved resolution and adhesion) | | | | |
| RN 18836-13-0 CAPLUS | | | | |
| CN 1H-Benzimidazole, 7-methoxy-2-phenyl- | | | (CA INDEX NAME) | |

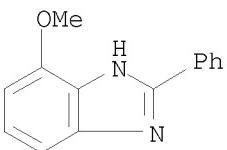


L4 ANSWER 17 OF 36 CAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 1976:592649 CAPLUS
 DOCUMENT NUMBER: 85:192649
 ORIGINAL REFERENCE NO.: 85:30811a,30814a
 TITLE: Rearrangement of ortho-blocked N-arylbenzimidoyl nitrenes. A proposed [1,9] methyl migration
 AUTHOR(S): Gilchrist, Thomas L.; Moody, Christopher J.; Rees, Charles W.
 CORPORATE SOURCE: Robert Robinson Lab., Univ. Liverpool, Liverpool, UK
 SOURCE: Journal of the Chemical Society, Chemical Communications (1976), (11), 414-15
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 18836-13-0P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 18836-13-0 CAPLUS
 CN 1H-Benzimidazole, 7-methoxy-2-phenyl- (CA INDEX NAME)



OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD
(3 CITINGS)

L4 ANSWER 18 OF 36 CAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 1970:66524 CAPLUS
 DOCUMENT NUMBER: 72:66524
 ORIGINAL REFERENCE NO.: 72:12123a,12126a
 TITLE: Reaction of some aromatic o-dinitro- and polynitro compounds with benzylamine
 AUTHOR(S): Mar'yanovskii, V. M.; Simonov, A. M.; Firsov, V. V.
 CORPORATE SOURCE: Rostov.-na-Donu Gos. Univ., Rostov-on-Don, USSR
 SOURCE: Zhurnal Organicheskoi Khimii (1969), 5(12), 2196-9
 CODEN: ZORKAE; ISSN: 0514-7492
 DOCUMENT TYPE: Journal
 LANGUAGE: Russian
 IT 18836-13-0P, Benzimidazole, 4-methoxy-2-phenyl-
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 18836-13-0 CAPLUS
 CN 1H-Benzimidazole, 7-methoxy-2-phenyl- (CA INDEX NAME)

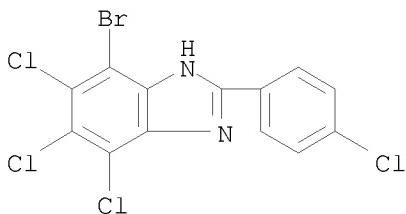


OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD
(2 CITINGS)

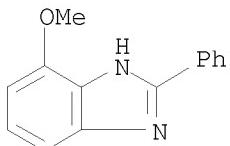
L4 ANSWER 19 OF 36 CAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 1969:12621 CAPLUS
 DOCUMENT NUMBER: 70:12621
 ORIGINAL REFERENCE NO.: 70:2383a,2386a
 TITLE: Halo-Substituted benzimidazoles as insect protection for keratinous fiber material
 INVENTOR(S): Frick, Wilhelm; Haerle, Horst; Wenger, Thomas; Weiss, Anton
 PATENT ASSIGNEE(S): Agripat S.A.
 SOURCE: Patentschrift (Switz.), 5 pp.
 CODEN: SWXXAS
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|------|----------|-----------------|--------------|
| CH 456236 | ---- | 19680715 | CH 1966-6667 | 19660506 <-- |
| DE 1642212 | | | DE | |
| FR 1522040 | | | FR | |

| | | | | |
|--|-----------------|----|--------------|--|
| GB 1191112 | | GB | | |
| US 3624100 | 19711130 | US | 19670427 <-- | |
| US 3705944 | 19721212 | US | 19710318 <-- | |
| IT 22596-79-8 | | | | |
| RL: USES (Uses) | | | | |
| (as insecticide for wool) | | | | |
| RN 22596-79-8 | CAPLUS | | | |
| CN 1H-Benzimidazole, 7-bromo-4,5,6-trichloro-2-(4-chlorophenyl)- | (CA INDEX NAME) | | | |

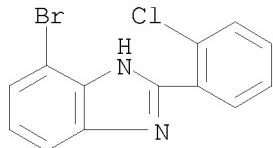


L4 ANSWER 20 OF 36 CAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 1968:105088 CAPLUS
 DOCUMENT NUMBER: 68:105088
 ORIGINAL REFERENCE NO.: 68:20287a,20290a
 TITLE: Anomalous products of the reaction of
 2,3-dinitroanisole with benzylamine
 AUTHOR(S): Simonov, A. M.; Mar'yanovskii, V. M.; Pozharskii, A.
 F.
 CORPORATE SOURCE: Rostov.-na-Donu Gos. Univ., Rostov-on-Don, USSR
 SOURCE: Zhurnal Organicheskoi Khimii (1968), 4(3),
 534
 CODEN: ZORKAE; ISSN: 0514-7492
 DOCUMENT TYPE: Journal
 LANGUAGE: Russian
 OTHER SOURCE(S): CASREACT 68:105088
 IT 18836-13-0P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 18836-13-0 CAPLUS
 CN 1H-Benzimidazole, 7-methoxy-2-phenyl- (CA INDEX NAME)



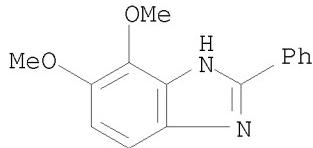
L4 ANSWER 21 OF 36 CAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 1968:94343 CAPLUS
 DOCUMENT NUMBER: 68:94343
 ORIGINAL REFERENCE NO.: 68:18167a,18170a
 TITLE: Antibacterial action of halobenzimidazoles
 AUTHOR(S): Dandegaonker, S. H.; Revnakar, G. R.
 CORPORATE SOURCE: Karnatak Univ., Dharwar, India
 SOURCE: Archiv der Pharmazie und Berichte der Deutschen
 Pharmazeutischen Gesellschaft (1968),
 301(3), 177-8

DOCUMENT TYPE: CODEN: APBDAJ; ISSN: 0376-0367
 LANGUAGE: Journal
 IT 1575-34-4
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)
 (as bactericide)
 RN 1575-34-4 CAPLUS
 CN 1H-Benzimidazole, 7-bromo-2-(2-chlorophenyl)- (CA INDEX NAME)



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD
(1 CITINGS)

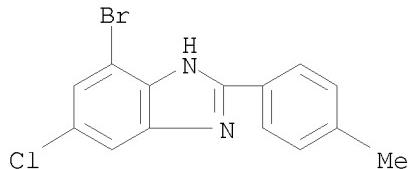
L4 ANSWER 22 OF 36 CAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 1968:19834 CAPLUS
 DOCUMENT NUMBER: 68:19834
 ORIGINAL REFERENCE NO.: 68:3779a,3782a
 TITLE: Antibacterial action of some benzimidazole derivatives
 AUTHOR(S): Ebert, L. Ya.; Bukharin, O. V.
 CORPORATE SOURCE: Chelyab. Med. Inst., Chelyabinsk, USSR
 SOURCE: Sbornik Rabot Instituta Tsitologii, Akademiya Nauk
 SSSR (1967), No. 11, 89-94
 DOCUMENT TYPE: Journal
 LANGUAGE: Russian
 IT 18608-22-5
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)
 (bactericidal activity of)
 RN 18608-22-5 CAPLUS
 CN 1H-Benzimidazole, 6,7-dimethoxy-2-phenyl-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

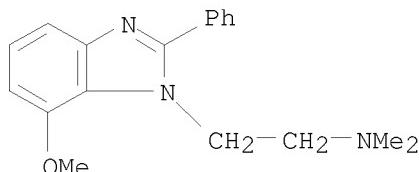
L4 ANSWER 23 OF 36 CAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 1968:12904 CAPLUS
 DOCUMENT NUMBER: 68:12904
 ORIGINAL REFERENCE NO.: 68:2471a,2474a
 TITLE: Bromochlorobenzimidazoles
 AUTHOR(S): Dandegaonker, S. H.; Daulatabad, C. D.

CORPORATE SOURCE: Karnataka Univ., Dharwar, India
 SOURCE: Monatshefte fuer Chemie (1967), 98(5),
 1873-7
 CODEN: MOCHAP
 DOCUMENT TYPE: Journal
 LANGUAGE: German
 IT 16429-28-0P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 16429-28-0 CAPLUS
 CN 1H-Benzimidazole, 7-bromo-5-chloro-2-(4-methylphenyl)- (CA INDEX NAME)



OS.CITING REF COUNT: 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD
(5 CITINGS)

L4 ANSWER 24 OF 36 CAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 1967:516847 CAPLUS
 DOCUMENT NUMBER: 67:116847
 ORIGINAL REFERENCE NO.: 67:22011a,22014a
 TITLE: Imidazole derivatives. XL. Synthesis of
 benzimidazole analogs of psilocine
 Efros, L. S.; Kumarev, V. P.; Zakhs, E. R.
 CORPORATE SOURCE: Leningr. Teknol. Inst., im. Lensoveta, Leningrad, USSR
 SOURCE: Khimiya Geterotsiklichesikh Soedinenii (1967
), (2), 336-8
 CODEN: KGSSAQ; ISSN: 0132-6244
 DOCUMENT TYPE: Journal
 LANGUAGE: Russian
 IT 16315-11-0P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 16315-11-0 CAPLUS
 CN 1H-Benzimidazole-1-ethanamine, 7-methoxy-N,N-dimethyl-2-phenyl- (CA INDEX NAME)



L4 ANSWER 25 OF 36 CAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 1966:482230 CAPLUS
 DOCUMENT NUMBER: 65:82230
 ORIGINAL REFERENCE NO.: 65:15365f-h,15366a-b
 TITLE: Imidazole derivatives. XXXVIII. 4,7-Quinones of
 benzimidazole
 AUTHOR(S): Zakhs, E. R.; Efros, L. S.
 CORPORATE SOURCE: Lensovet Technol. Inst., Leningrad

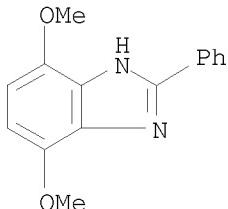
SOURCE: Zhurnal Organicheskoi Khimii (1966), 2(6),
1095-103
CODEN: ZORKAE; ISSN: 0514-7492

DOCUMENT TYPE: Journal
LANGUAGE: Russian

IT 7711-52-6P, Benzimidazole, 4,7-dimethoxy-2-phenyl-
RL: PREP (Preparation)
(preparation of)

RN 7711-52-6 CAPLUS

CN 1H-Benzimidazole, 4,7-dimethoxy-2-phenyl- (CA INDEX NAME)

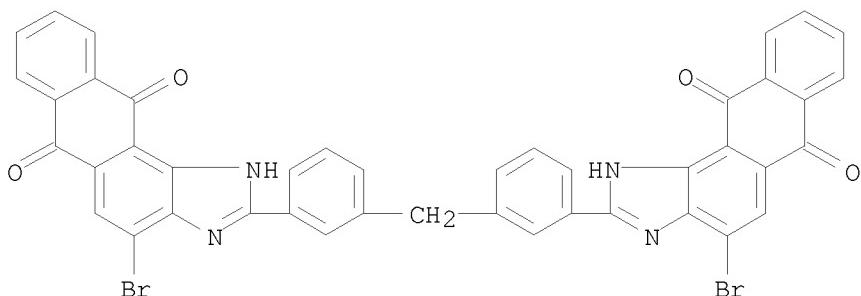


OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD
(1 CITINGS)

L4 ANSWER 26 OF 36 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1966:457280 CAPLUS
DOCUMENT NUMBER: 65:57280
ORIGINAL REFERENCE NO.: 65:10708b-d
TITLE: Quinacridone pigments
INVENTOR(S): Gerson, Herman; Santimauro, John F.; Vesce, Vincent C.
PATENT ASSIGNEE(S): Allied Chemical Corp.
SOURCE: 5 pp.
DOCUMENT TYPE: Patent
LANGUAGE: Unavailable
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|-------|----------|-----------------|--------------|
| US 3257405 | ----- | 19660621 | US 1961-141951 | 19611002 <-- |
| PRIORITY APPLN. INFO.: | | | US | 19611002 |

IT 10005-22-8
(Derived from data in the 7th Collective Formula Index (1962-1966))
RN 10005-22-8 CAPLUS
CN 1H-Anthra[1,2-d]imidazole-6,11-dione,
2,2'-(methylenedi-m-phenylene)bis[4-bromo- (7CI, 8CI) (CA INDEX NAME)

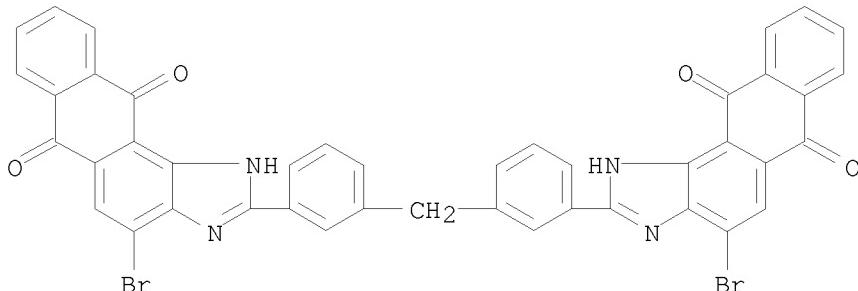


OS.CITING REF COUNT: 10 THERE ARE 10 CAPLUS RECORDS THAT CITE THIS

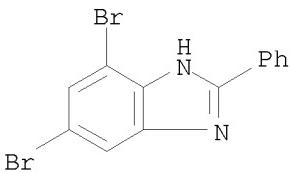
RECORD (10 CITINGS)

L4 ANSWER 27 OF 36 CAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 1966:457279 CAPLUS
 DOCUMENT NUMBER: 65:57279
 ORIGINAL REFERENCE NO.: 65:10707h,10708a-b
 TITLE: Anthraquinone-imidazole vat dyes
 PATENT ASSIGNEE(S): CIBA Ltd.
 SOURCE: 11 pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: Unavailable
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

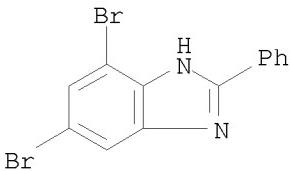
| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|-------|----------|-----------------|----------|
| ----- | ----- | ----- | ----- | ----- |
| GB 1033780 | | 19660626 | GB | <-- |
| FR 1439266 | | | FR | |
| PRIORITY APPLN. INFO.: | | | CH | 19640422 |
| IT 10005-22-8P, 1H-Anthra[1,2-d]imidazole-6,11-dione, 2,2'-(methylenedi-m-phenylene)bis[4-bromo- RL: PREP (Preparation) (preparation of) | | | | |
| RN 10005-22-8 CAPLUS | | | | |
| CN 1H-Anthra[1,2-d]imidazole-6,11-dione, 2,2'-(methylenedi-m-phenylene)bis[4-bromo- (7CI, 8CI) (CA INDEX NAME) | | | | |



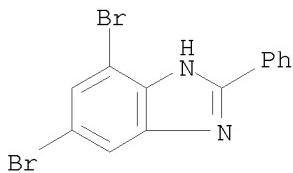
L4 ANSWER 28 OF 36 CAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 1965:424092 CAPLUS
 DOCUMENT NUMBER: 63:24092
 ORIGINAL REFERENCE NO.: 63:4273h,4274a-c
 TITLE: Bromobenzimidazoles
 AUTHOR(S): Dandegaonker, S. H.; Shastri, Dattu
 CORPORATE SOURCE: Karnatak Univ., Dharwar, India
 SOURCE: Monatshefte fuer Chemie (1965), 96(2),
614-24
CODEN: MOCMB7; ISSN: 0026-9247
 DOCUMENT TYPE: Journal
 LANGUAGE: German
 OTHER SOURCE(S): CASREACT 63:24092
 IT 1806-09-3
 RL: PREP (Preparation)
 (Derived from data in the 7th Collective Formula Index (1962-1966))
 RN 1806-09-3 CAPLUS
 CN 1H-Benzimidazole, 5,7-dibromo-2-phenyl- (CA INDEX NAME)



L4 ANSWER 29 OF 36 CAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 1965:424091 CAPLUS
 DOCUMENT NUMBER: 63:24091
 ORIGINAL REFERENCE NO.: 63:4273h
 TITLE: Attempted ring-closures of
 2-(2-bromoethylthio)-2-imidazoline and the propyl
 homolog
 AUTHOR(S): Cort, L.A.
 CORPORATE SOURCE: Battersea Coll. Technol., London
 SOURCE: Journal of the Chemical Society (1965),
 (May), 3456-9
 CODEN: JCSOA9; ISSN: 0368-1769
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 1806-09-3
 (Derived from data in the 7th Collective Formula Index (1962-1966))
 RN 1806-09-3 CAPLUS
 CN 1H-Benzimidazole, 5,7-dibromo-2-phenyl- (CA INDEX NAME)

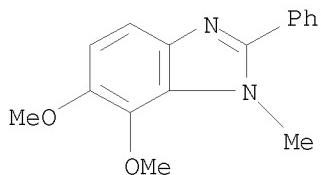


L4 ANSWER 30 OF 36 CAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 1965:424090 CAPLUS
 DOCUMENT NUMBER: 63:24090
 ORIGINAL REFERENCE NO.: 63:4273f-h
 TITLE: A novel 2.2.1-bicyclic elimination of
 N-tosylpyrazoline
 AUTHOR(S): Padwa, Albert
 CORPORATE SOURCE: Ohio State Univ., Columbus
 SOURCE: Journal of Organic Chemistry (1965), 30(4),
 1274-5
 CODEN: JOCEAH; ISSN: 0022-3263
 DOCUMENT TYPE: Journal
 LANGUAGE: Unavailable
 OTHER SOURCE(S): CASREACT 63:24090
 IT 1806-09-3
 (Derived from data in the 7th Collective Formula Index (1962-1966))
 RN 1806-09-3 CAPLUS
 CN 1H-Benzimidazole, 5,7-dibromo-2-phenyl- (CA INDEX NAME)



OS.CITING REF COUNT: 8 THERE ARE 8 CAPLUS RECORDS THAT CITE THIS RECORD
(8 CITINGS)

L4 ANSWER 31 OF 36 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1964:90824 CAPLUS
DOCUMENT NUMBER: 60:90824
ORIGINAL REFERENCE NO.: 60:15857g-h,15858a-c
TITLE: Imidazole derivatives. XXXIII. Synthesis of 6,7-quinones of benzimidazole
AUTHOR(S): Zakhs, E. R.; Efros, L. S.
CORPORATE SOURCE: Lensoviet Technol. Inst., Leningrad
SOURCE: Zhurnal Obshchey Khimii (1964), 34(3), 962-9
CODEN: ZOKHA4; ISSN: 0044-460X
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable
IT 92966-21-7P, Benzimidazole, 6,7-dimethoxy-1-methyl-2-phenyl-
RL: PREP (Preparation)
(preparation of)
RN 92966-21-7 CAPLUS
CN 1H-Benzimidazole, 6,7-dimethoxy-1-methyl-2-phenyl- (CA INDEX NAME)



L4 ANSWER 32 OF 36 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1964:90823 CAPLUS
DOCUMENT NUMBER: 60:90823
ORIGINAL REFERENCE NO.: 60:15857d-g
TITLE: Imidazole derivatives. XXXII. Synthesis of 4,5(6,7)-quinones of benzimidazole
AUTHOR(S): Zakhs, E. R.; Efros, L. S.
CORPORATE SOURCE: Lensoviet Technol. Inst., Leningrad
SOURCE: Zhurnal Obshchey Khimii (1964), 34(3), 956-61
CODEN: ZOKHA4; ISSN: 0044-460X
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable
IT 18608-22-5P, Benzimidazole, 4,5(or 6,7)dimethoxy-2-phenyl-, hydrochloride
RL: PREP (Preparation)
(preparation of)
RN 18608-22-5 CAPLUS
CN 1H-Benzimidazole, 6,7-dimethoxy-2-phenyl-, hydrochloride (1:1) (CA INDEX NAME)

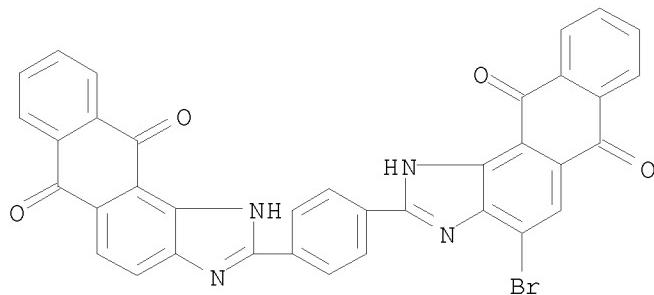


● HC1

L4 ANSWER 33 OF 36 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1963:47189 CAPLUS
 DOCUMENT NUMBER: 58:47189
 ORIGINAL REFERENCE NO.: 58:8067e-f
 TITLE: Anthraquinone imidazole dyes
 INVENTOR(S): Geeren, Hermann; Ebel, Friedrich; Braun, Willy
 PATENT ASSIGNEE(S): Badische Anilin- & Soda-Fabrik A.-G.
 SOURCE: 2 pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: Unavailable
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

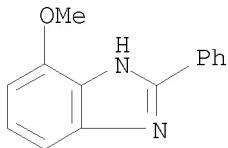
| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|--------|----------|-----------------|--------------|
| DE 1137817 | ----- | 19621011 | DE 1959-B57120 | 19590721 <-- |
| PRIORITY APPLN. INFO.: | | | | |
| IT 106042-15-3P | | | DE | 19590721 |
| 1H-Anthra[1,2-d]imidazole-6,11-dione, 4-bromo-2,2'-p-phenylenebis- | | | | |
| RL: PREP (Preparation) (preparation of) | | | | |
| RN 106042-15-3 | CAPLUS | | | |
| CN 1H-Anthra[1,2-d]imidazole-6,11-dione, | | | | |
| 2-[4-(4-bromo-6,11-dihydro-6,11-dioxo-3H-anthra[1,2-d]imidazol-2-yl)phenyl]- (CA INDEX NAME) | | | | |



L4 ANSWER 34 OF 36 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1954:35972 CAPLUS
 DOCUMENT NUMBER: 48:35972
 ORIGINAL REFERENCE NO.: 48:6436g-i,6437a
 TITLE: Benzimidazoles. III
 AUTHOR(S): Montanari, F.; Passerini, R.
 CORPORATE SOURCE: Univ. Bologna, Italy
 SOURCE: Bollettino Scientifico della Facolta di Chimica Industriale di Bologna (1953), 11, 42-5

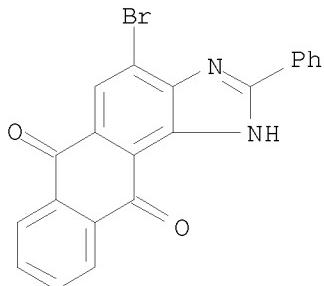
DOCUMENT TYPE: CODEN: BSFCAY; ISSN: 0366-3205
 LANGUAGE: Journal
 IT 18836-13-0P
 RL: SPN (Synthetic preparation); PRP (Properties); PREP (Preparation)
 (Benzimidazoles. III)
 RN 18836-13-0 CAPLUS
 CN 1H-Benzimidazole, 7-methoxy-2-phenyl- (CA INDEX NAME)



OS.CITING REF COUNT: 7 THERE ARE 7 CAPLUS RECORDS THAT CITE THIS RECORD
(7 CITINGS)

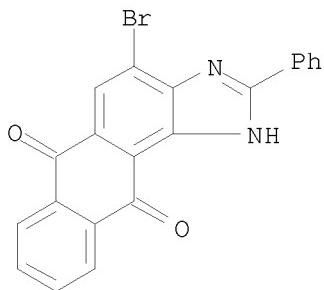
L4 ANSWER 35 OF 36 CAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 1948:4937 CAPLUS
 DOCUMENT NUMBER: 42:4937
 ORIGINAL REFERENCE NO.: 42:1062f-i
 TITLE: Anthraquinone vat dyes for cotton
 PATENT ASSIGNEE(S): Compagnie Nationale de Matieres colorantes &
 manufactures de produits chimiques du Nord reunies
 etablissements Kuhlmann
 DOCUMENT TYPE: Patent
 LANGUAGE: Unavailable
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|----------|-----------------|--------------|
| GB 591980 | | 19470903 | GB 1945-11926 | 19450511 <-- |
| IT 859332-77-7, 1H-Anthra[1,2-d]imidazole-6,11-dione, 4-bromo-2-phenyl- | | | | |
| (anthraquinone vat dyes from) | | | | |
| RN 859332-77-7 CAPLUS | | | | |
| CN 3H-Anthra[1,2-d]imidazole-6,11-dione, 4-bromo-2-phenyl- | | | (CA INDEX NAME) | |



L4 ANSWER 36 OF 36 CAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 1913:26157 CAPLUS
 DOCUMENT NUMBER: 7:26157
 ORIGINAL REFERENCE NO.: 7:3743f-i,3744a-g
 TITLE: Anthraquinone Series. II.
 1,3-Dibromo-2-aminoanthraquinone

AUTHOR(S): Ullmann, Fritz; Junghaus, Walter
CORPORATE SOURCE: Univ. Berlin
SOURCE: Justus Liebigs Annalen der Chemie (1913),
399, 330-45
CODEN: JLACBF; ISSN: 0075-4617
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable
IT 859332-77-7P, 2,1-Anthrimidazole-6,11-dione, 4-bromo-2-phenyl-
RL: PREP (Preparation)
(preparation of)
RN 859332-77-7 CAPLUS
CN 3H-Antra[1,2-d]imidazole-6,11-dione, 4-bromo-2-phenyl- (CA INDEX NAME)



OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD
(2 CITINGS)

=> logoff
ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:Y

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|----------------------|------------------|---------------|
| FULL ESTIMATED COST | 149.67 | 342.75 |

STN INTERNATIONAL LOGOFF AT 10:53:58 ON 26 AUG 2010